

# Star-angle mode for asynchronous motor.....

## 1. Requirements

When the motor starts up, stator winding is connected into star mode, and switched off after a certain time delay, then after a certain time again, stator winding is linked into angle mode.

## 2. SR Solution

When switching on the startup button IA0, stator winding is connected into star mode, and switched off after 5 seconds delay, then after 1 second again, stator winding is linked into angle mode.

If switching on the stop button IA1, contactor K1 or K2 is switched off and the whole system is cut off.

## 3. Components used

Input	Output
IA0 Startup button	QA0— K1 coil
IA1 Stop button	QA1— K2 coil

## 4. Advantages and Specialties

The conversion time for star-angle is changed as desired.

Fewer components are necessary than the traditional solutions.

## 5. Software Circuit Diagram

